CLAIMS

What is claimed is:

1. A method for displaying variable values within a software debugger, said method comprising:

extracting a plurality of variables from a program monitored by a software debugger;

allowing a user to designate a stopping point within said program and a subset of variables from said plurality of variables to be associated with said designated stopping point;

during an execution of said program within said software debugger, updating values of said subset of variables when said execution of said program stopped at said designated stopping point; and

displaying said updated values of said subset of variables.

2. The method of Claim 1, wherein said stopping point is a breakpoint.

3. The method of Claim 1, wherein said method further includes storing said designated stopping point and said subset of variables associated with said designated stopping point in a variable association table.

4. A computer program product residing on a computer usable medium for displaying variable values within a software debugger, said computer program product comprising:

program code means for extracting a plurality of variables from a program monitored by a software debugger;

program code means for allowing a user to designate a stopping point within said program and a subset of variables from said plurality of variables to be associated with said designated stopping point;

program code means for updating values of said subset of variables, during an execution of said program within said software debugger, when said execution of said program stopped at said designated stopping point; and

program code means for displaying said updated values of said subset of variables.

5. The computer program product of Claim 4, wherein said stopping point is a breakpoint.

6. The computer program product of Claim 4, wherein said computer program product further includes program code means for storing said designated stopping point and said subset of variables associated with said designated stopping point in a variable association table.

7. A computer system having a software debugger, said computer system comprising:

a processor;

a monitor coupled to said processor; and

a memory coupled to said processor, wherein said memory includes

means for extracting a plurality of variables from a program monitored by a software debugger;

means for allowing a user to designate a stopping point within said program and a subset of variables from said plurality of variables to be associated with said designated stopping point;

means for updating values of said subset of variables, during an execution of said program within said software debugger, when said execution of said program stopped at said designated stopping point; and

means for displaying said updated values of said subset of variables.

8. The computer system of Claim 7, wherein said stopping point is a breakpoint.

9. The computer system of Claim 7, wherein said computer system further includes a variable association table for storing said designated stopping point and said subset of variables associated with said designated stopping point.